Application No. 10/039,055 Attorney Docket No: 25143A US

IN THE CLAIMS

- 1. (Currently Amended) An energy-absorbing element capable of absorbing a portion of impact energy created during a collision, the energy-absorbing element comprising at least one layer of composite material having a semi-compacted thickness less than an initial prepared thickness comprising consisting essentially of a mixture of mineral fibers and organic fibers.
- 2. (Previously Amended) An energy absorbing element as set forth in claim 1, wherein said mineral fibers and said organic fibers are entangled as a co-fiberized composite material.
- 3. (Original) An energy absorbing element as set forth in claim 2, wherein said mineral fibers comprise glass fibers.
- 4. (Currently Amended) An energy absorbing element as set forth in claim 3, where wherein said organic fibers are formed from a material selected from the group consisting of polypropylene[[;]], polyphenylene sulfide[[;]], polyethylene terephthalate (PET)[[;]], polyethylene[[;]], nylon 66[[;]], nylon 66[[;]], nylon 66[[;]], nylon 66[[;]], nylon 66[[;]], polycarbonate[[;]], copolymers of polycarbonate[[;]], polybutylene terephthalate (PBT)[[;]], polypropylene terephthalate (PPT)[[;]], polyphenylene ether (PPE)[[;]] and blends thereof.
- 5. (Previously Amended) An energy absorbing element as set forth in claim 1, wherein said semi-compacted thickness has a maximum thickness of from about 5 mm to about 50 mm.

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- 6. (Original) An energy absorbing element as set forth in claim 5, wherein said layer has a density of from about 500 grams/m² to about 3000 grams/m².
- 7. (Original) An energy absorbing element as set forth in claim 6, wherein said layer comprises a sheath having a generally U- or V- shape and is adapted to be positioned adjacent to a vehicle pillar.
- 8. (Original) An energy absorbing element as set forth in claim 1, wherein the composite material comprises mineral fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material, and organic fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material.
- 9-12 (Canceled)
- 13. (Currently Amended) A trim panel/sheath combination adapted to be secured to a vehicle pillar comprising:
 - a polymeric trim panel; and
- a sheath formed of composite material having a semi-compacted thickness less than an initial prepared thickness comprising consisting essentially of a mixture of mineral fibers and organic fibers.
- 14. (Previously Amended) A trim panel/sheath combination as set forth in claim 13, wherein said mineral fibers and said organic fibers are entangled as a co-fiberized composite

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material.

- 15. (Original) A trim panel/sheath combination as set forth in claim 14, wherein said mineral fibers comprise glass fibers.
- 16. (Currently Amended) A trim panel/sheath combination as set forth in claim 15, wherein said organic fibers are formed from a material selected from the group consisting of polypropylene[[;]]_polyphenylene sulfide[[;]]_polyethylene terephthalate (PET)[[;]], polyethylene[[;]]_poly(α-olefin) copolymers[[;]]_nylon 6[[;]]_nylon 66[[;]]_nylon 46[[;]], nylon 12[[;]]_copolyamides[[;]]_polycarbonate, copolymers of polycarbonate[[;]], polybutylene terephthalate (PBT)[[;]]_n polypropylene terephthalate (PPT)[[;]]_n polyphenylene ether (PPE)[[;]] and blends thereof.
- 17. (Previously Amended) A trim panel/sheath combination as set forth in claim 13, wherein said semi-compacted thickness has a maximum thickness of from about 5 mm to about 50 mm.
- 18. (Original) A trim panel/sheath combination as set forth in claim 17, wherein said sheath has a density of from about 500 grams/m² to about 3000 grams/m².
- 19. (Original) A trim panel/sheath combination as set forth in claim 18, wherein said sheath has a generally U- or V- shape and is adapted to be positioned between the pillar and the trim panel.

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20. (Original) A trim panel/sheath combination as set forth in claim 13, wherein the composite material comprises mineral fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material, and organic fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material.

- 21. (Original) A trim panel/sheath combination as set forth in claim 13, wherein said trim panel has a density of from about 0.5 grams/cm³ to about 1.5 grams/cm³.
- 22. (Currently Amended) A trim panel/sheath combination as set forth in claim 13, wherein adapted to be secured to a vehicle pillar comprising:

----- a polymeric trim panel; and

a sheath formed of composite material comprising a mixture of mineral fibers and organic fibers, said combination [[having-]]has an HICd value of less than about 1000.

- 23. (New) An energy-absorbing element capable of absorbing a portion of impact energy created during a collision, the energy-absorbing element comprising at least one layer of composite material comprising a mixture of mineral fibers and organic fibers, said mineral fibers and said organic fibers both being present in a fibrous form in said energy-absorbing element.
- 24. (New) An energy absorbing element as set forth in claim 23, wherein the composite material comprises mineral fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material, and organic fibers in an amount from about 10% to about 90% by weight, based on the total weight of the composite material.

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25. (New) An energy absorbing element as set forth in claim 23, wherein said mineral fibers and said organic fibers are entangled as a co-fiberized composite material.

26. (New) An energy absorbing element as set forth in claim 25, wherein said mineral fibers comprise glass fibers and said organic fibers are formed from a material selected from the group consisting of polypropylene, polyphenylene sulfide, polyethylene terephthalate (PET), polyethylene, poly(α-olefin) copolymers, nylon 6, nylon 66, nylon 46, nylon 12, copolyamides, polycarbonate, copolymers of polycarbonate, polybutylene terephthalate (PBT), polypropylene terephthalate (PPT), polyphenylene ether (PPE) and blends thereof.